

***REASONS FOR ALLOWANCE***

1. Claims 1-14 are presently allowed.
2. The following is an examiner's statement of reasons for allowance:

The cited art of record fails to teach a flat rotating field antenna comprising a central loop structured to create a magnetic field essentially perpendicular to the antenna,

a. four adjacent coplanar eccentric loops structured and supplied to create a rotating field predominantly in a plane parallel to a plane of the antenna wherein centers of gravity of the eccentric loops being arranged substantially on a periphery of the central loop and /or the eccentric loops being spaced apart from each other and being spaced from a center of the central loop and/or a radiofrequency generator including first and second outputs respectively supplying first and second excitation signals alternately respectively to the central loop and to the eccentric loops as defined in claims 1 and 8, or

b. two conductors, each conductor forming a pair of non-adjacent coplanar eccentric loops, the pairs being structured and supplied to create a rotating field predominantly in a plane parallel to the plane of the antenna and to generate electromagnetic fields of opposite phases in the pairs, and centers of gravity of each eccentric loop being arranged substantially on a periphery of the central loop as defined in claim 14.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Inquiry***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Trinh Vo Dinh whose telephone number is (571) 272-1821 and email address is [trinh.dinh@uspto.gov](mailto:trinh.dinh@uspto.gov). The examiner can normally be reached on IFW (Increase Flexible Work). The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Douglas Owens, can be reached on (571) 272-1662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

*June 11, 2009*

*/Trinh Vo Dinh/  
Primary Examiner, Art Unit 2821*